

DETAILED ACTION

In response to Amendment filed June 25, 2009

Reasons for Allowance

1. The following is an examiner's statement of reasons for allowance:
 - a. Claims 1 - 2 are allowable over the Prior Art of Record because it fails to teach or suggest a method of detecting an orientation of a device with respect to a direction of an acceleration force, comprising the steps of providing a device having an optical device comprising a first liquid and a second liquid, said liquids being immiscible, having different refractive indices and different densities and being in contact with each other via an interface (14); sensing an image captured by the optical device (10) on a different subset (24, 24') of the grid of pixels (22); and calculating the orientation of the device (1) from the position difference of the subset (24, 24') on the grid (22).in combination with the remaining limitations of the claims.
 - b. Claims 3 - 10 are allowable over the Prior Art of Record because it fails to teach or suggest device comprising an optical device comprising a first liquid and a second liquid, said liquids being immiscible, having different refractive indices and different densities and being in contact with each other via an interface; the sensor being arranged

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to sense an image captured by the optical device on a different subset of the grid of pixels; and calculating means for calculating an orientation of the device with respect to a direction of an acceleration force from the position difference of the subset on the grid in combination with the remaining limitations of the claims.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yaritza Guadalupe McCall whose telephone number is (571)272-2244. The examiner can normally be reached on 8:00 AM - 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jinhee Lee can be reached on (571) 272-1977. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

YGM

November 3, 2009

/Yaritza Guadalupe-McCall/
Primary Examiner, Art Unit 2841